


FIG. 1

rARMS	MSVLISQSVINYVEEENIPALKALLECKDVERNECGQTPLMLAAEQGNVEIVKELLKNGANCNLEDLD	70
hARMS	I L I	70
rARMS	NWTALISASKEGHIHIVEELLKSGASLEHRDMGGWTALMWACYKGRTDVVELLSHGANSVTLGLQYSVY	140
hARMS	V C VN	140
rARMS	PITWAACRGHADIVHLLQNGAKVNCSDKYGTTPLVWAARKGHLECVKHLAMGADVDEQEGANSMTALIV	210
hARMS		210
rARMS	AVKGGYTQSVKEILKRNPVNLTDDKDGNTALMIASKEGHIIEIVQDLLDAGTYVNIIPDRSGDTVLIGAVRG	280
hARMS	T	280
rARMS	GHVEIVRALLQKYADIDIRGQDNKTALYWAVEKGNATMVRDILQCNPDTEICTKDGETPLIKATKMRNIE	350
hARMS		350
rARMS	VVELLLDKGAKVSAVDKKGDTPLHVAIRGRSRRLAELLRNPKDGRLLYRPNKAGETPYNIDCSHQKSIL	420
hARMS	I K	420
rARMS	TQIFGARHLSPTETDGDMLGYDLYSSALADILSEPTMQPPICVGLYAQWGSCKSFLKKLEDEMKTFAQG	490
hARMS		490
rARMS	QTEPIFQFSWLIVFLTLLCGGLGLVFAFPVDTNLAIAISLSFLALIYIFFIVIFYFGGRREGESWNWAWA	560
hARMS	I L T HP G V L V	560
rARMS	LSTRLARHIGYLELLFKLMFVNPPPEQTTKALPVRFLFTDYNRLSSVGGETSLAEMIATLSDACEREF	630
hARMS	L	630
rARMS	GFLATRLFRVFRTEESQGGKKWKTCCLPSFVIFLFIVGCIAGITLLAIFRVDPKHCTVNAILISIASV	700
hARMS	K DT I S V	700
rARMS	VGLAFVLNCTWWQVLDSSLNSQRKRLHSAASKLHLKLGSEGMKVLKCEVELMARMAKTIDSFTQNQTRL	770
hARMS	N	770
rARMS	VVIIDGLDACEQDKVLQMLDTVRVLFSGKPFIAIFASDPHIIKAINQNLNSVLRDSNINHGYMRNIVH	840
hARMS		840
rARMS	LPVFLNSRGLSNARKFLVTSATNGDITCSDDTTGTQEDTDRRVSONSLGEMTKLGSKTALNRRDITYRRRQM	910
hARMS	VP I A	910
rARMS	QRTITRQMSFDLTKLLVTEDFWSDISQTMRLNINVSVTGRLLRANQITFNWDRLASWINLTEQWPFYRT	980
hARMS	S	980
rARMS	SWLILYLEETEGLPDQMTLKTMYERISKNIPTTKDVEPLLEIDGDIRNFEVFLSSRTPVLVARDVKTFPLP	1050
hARMS	I I V	1050
rARMS	CTVNLDPKLREIIADVRAAREQINIGGLAYPPLPLHEGPPRPPSGYSQPASVCSSASFNGPFGGVVSPQ	1120
hARMS	S A P T A	1120
rARMS	PHSSYYSGLSGPQHFPYNRAAVPATGSSLLSSMTVDVVCCKLRQIEGLDQNMPPQYCTTIKANINGRV	1190
hARMS	MT GSG P PVV N LN A K S L	1190
rARMS	LSQCNIDELKKEAMNFGDWHLFRSMVLEMRSVESQVVPEDPRFLNENSSAPVPHGESARRSSHTLPLT	1260
hARMS	A N T NA H S S G A P A N H	1260
rARMS	ELSSQTPYTLNFSFEELNTLGLDEGAPRHSNLWSQSTRRTPSLSSLSQDSSIEISKLTDKVQAEYRDA	1330
hARMS		1330
rARMS	YREYIAQMSQLEGGTGSSTISGRSSPHSTYYIGQSSSGGSIHSTLEQERGKEGELKQEDGRKSFLMKRGD	1400
hARMS	P T M N K DS P PD	1400
rARMS	VIDYSSSGVSTNEASPLDPITEEDEKSDQSGSKLLPGKKSSERPFLFQTDLKLKGGGLRYQKLPSDEDES	1470
hARMS	D S S	1470
rARMS	GTGRVQITPHCSKMIRTKRLKAKQRECAAPQEHSAEPIRTFIKKEYLSDALLDKDSSDSGVRSSNESSP	1540
hARMS	EESDN LLKDDKDR AEGKVE VPK - S	1539
rARMS	NHSLHNEAADDQLEKANLIELEDEGHSGKRGMPHSLSGLDQPIIARMSICSSEDKKSPPSECSLIASSPEE	1610
hARMS	V DS I	1609
rARMS	SWPACQKAYNLNRTPTSTVTLNNNTAPTNRANQNFDEIEGIRETSQVILRPGSPNPPTAVQENENLKSMAHK	1680
hARMS	N S A M SS TI T	1679
rARMS	RSQRSSYTRLKSDASELHAASS-ESTGFGEERESIL	1715
hARMS	PP A S ***	1715

FIG. 2

heart	
lung	
liver	
kidney	
pancreas	
spleen	
thymus	
testis	
muscle	
adrenal gland	
olfactory bulb	
cortex	
cerebellum	
spinal cord	
DRG	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----



DRG



FIG. 7C

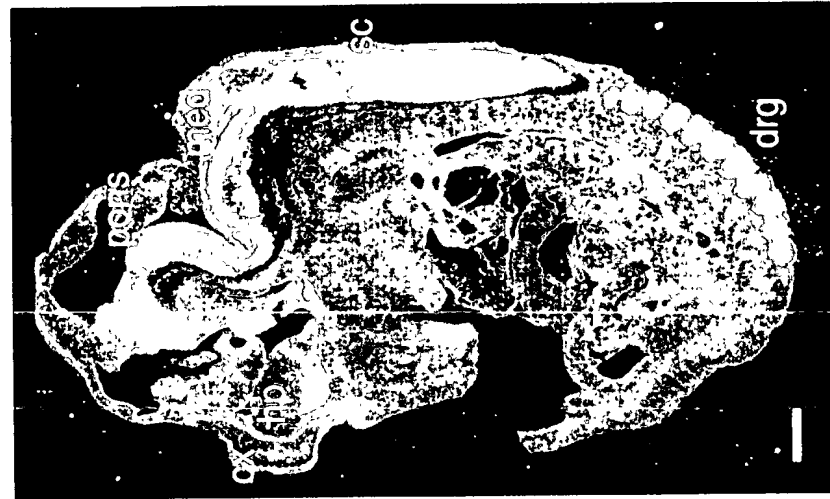


FIG. 7B



FIG. 7A

FIG. 8A

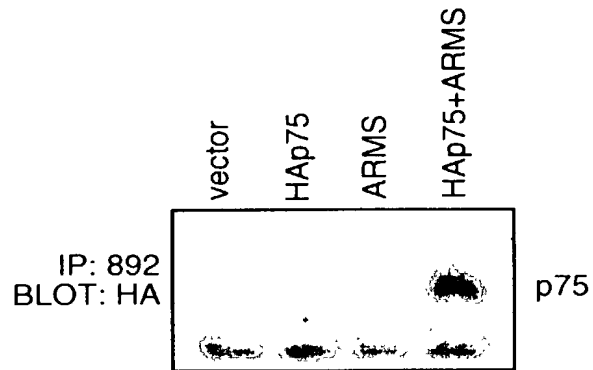


FIG. 8B

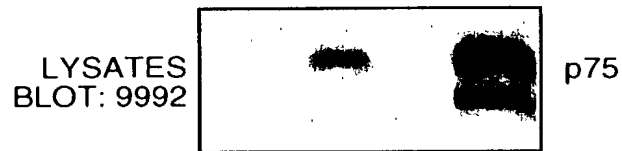


FIG. 9A

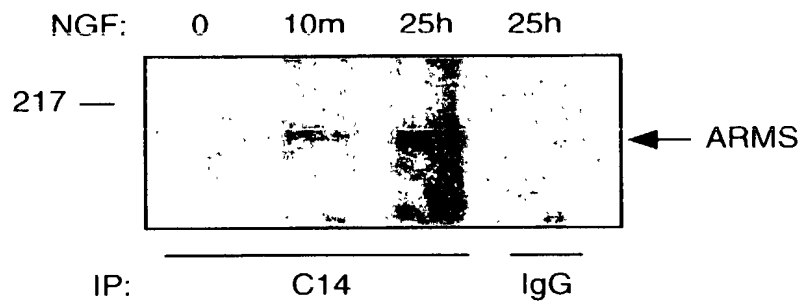


FIG. 9B

FIG. 9C

FIG. 9D

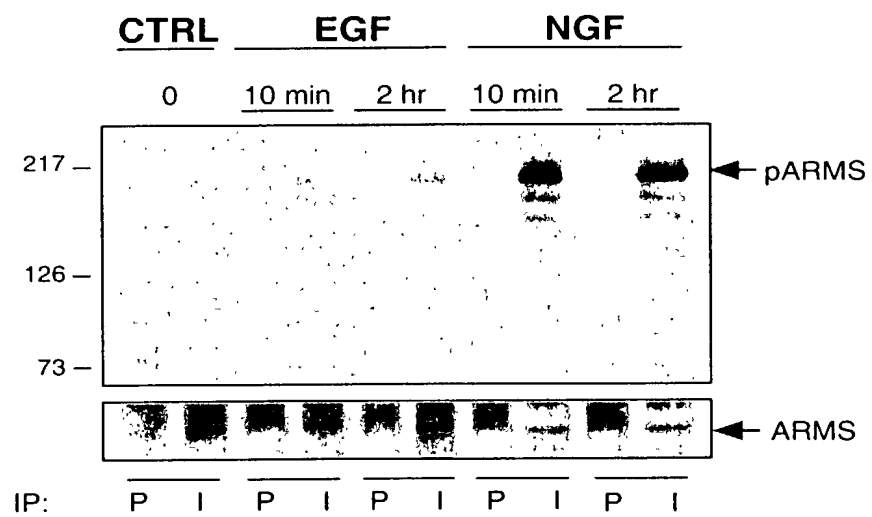
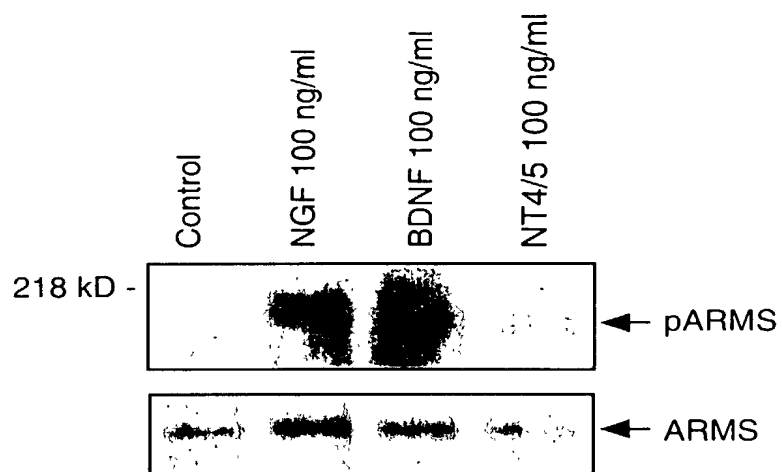


FIG. 11



IP: 892

FIG. 12

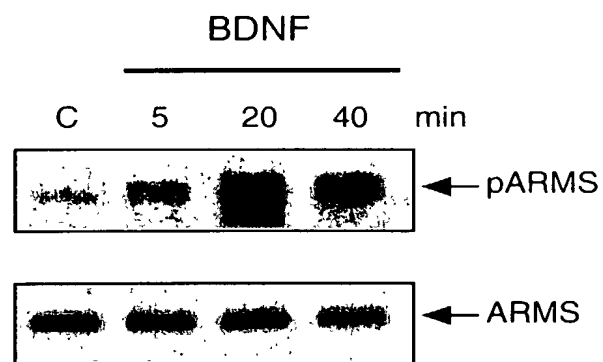


FIG.13

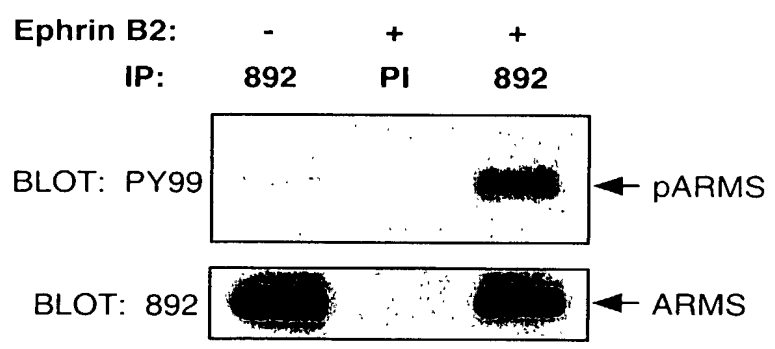
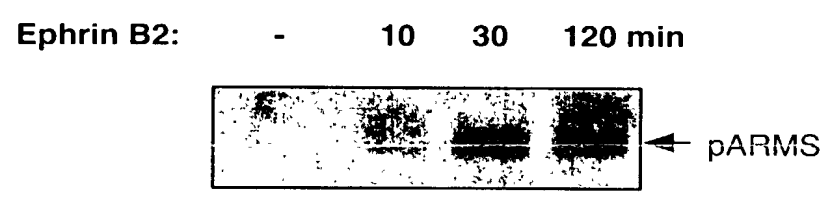


FIG. 14A



IP: 892
BLOT: PY99

FIG. 14B

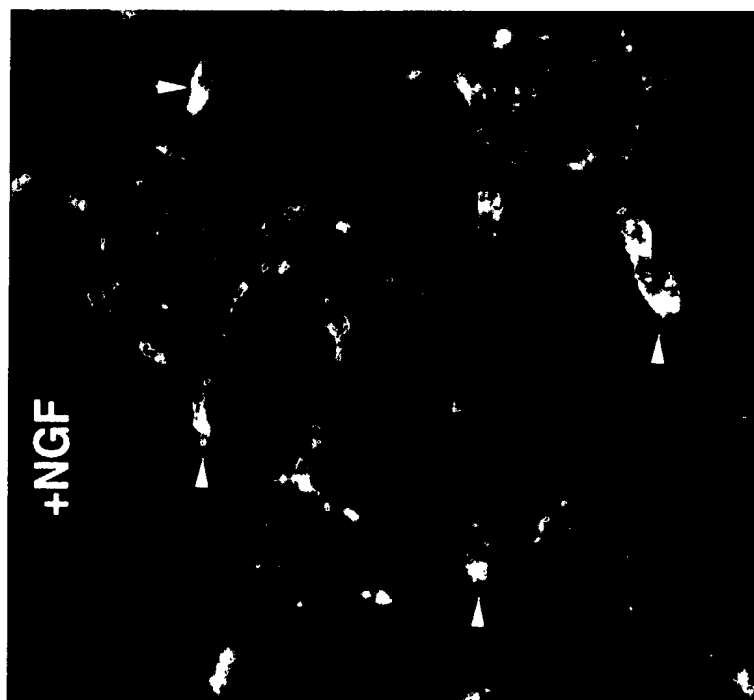


FIG. 16B

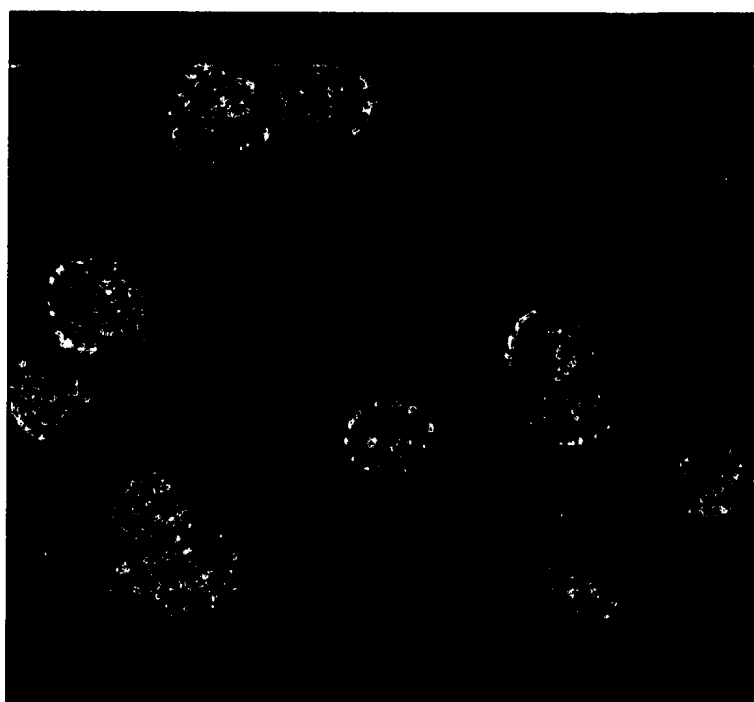


FIG. 16A

FIG.17A

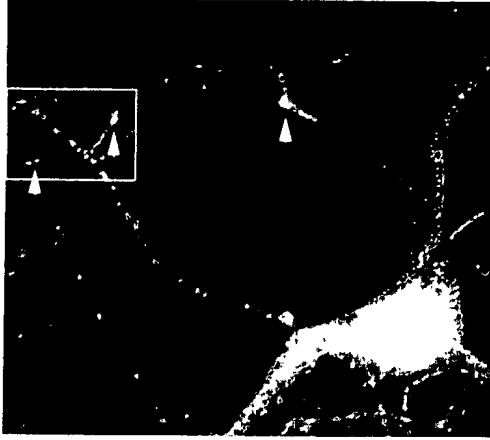


FIG.17B

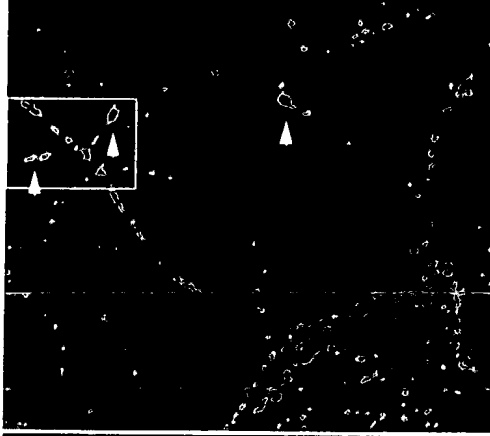
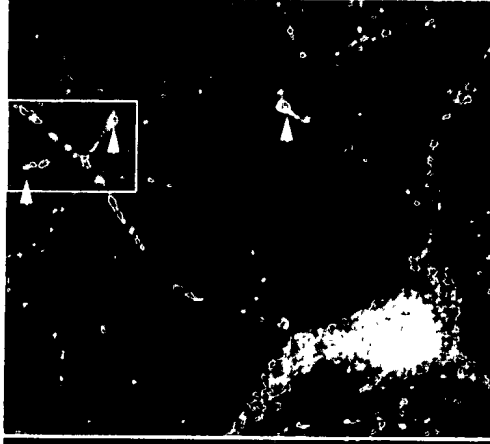


FIG.17C



Arms

Vamp-2

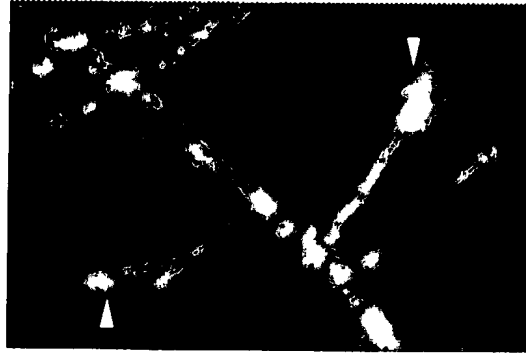


FIG.17D

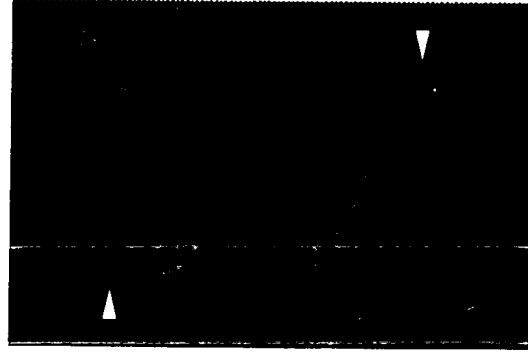


FIG.17E



FIG.17F

1



FIG. 18

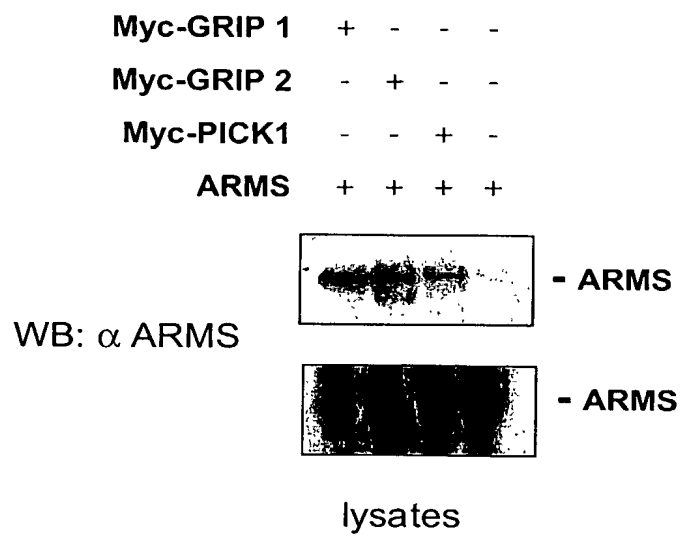


FIG.19

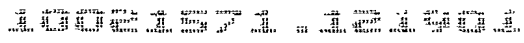


FIG. 20